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9) Process according to claim 8, characterized in that the additional heating takes place in a CO catalyzer (44).

10) Process according to one of claims 1 to 9, characterized in that the partial flow from the hot zone (38) of the sintering plant is additionally treated to reduce the NOx content.

5 11) Process according to claim 10, characterized in that the treatment to reduce the NOx content comprises injection of NH3 into the partial flow from the hot zone (38) of the sintering plant.

12) Process according to one of claims 1 to 11, characterized in that the partial flow from the hot zone (38) has a mixing temperature of more than 180°C and the partial flow from the cold zone (36) a mixing temperature of less than 100°C.

10 13) Process according to one of claims 1 to 12, characterized in that the dioxin and furan content in the partial flow from the cold zone (36) is less than 0.5 ng/m<sup>3</sup> N.T.P.

14) Process according to one of claims 1 to 13, characterized in that the two partial flows are approximately the same size under standard conditions.

15 15) Process according to one of claims 1 to 14, characterized in that in the partial flow from the hot zone (38) the fan (26) is arranged behind the electric or filtering separator (34) and in front of the catalyzer (42).